

Consideration of recommendations with respect to approval of an application (Application No. 152) by the City of Cannelton for a loan of \$98,500 from the Flood Control Revolving Fund with respect to the City's flood protection system

The Division of Water recommends the approval of a loan to the City of Cannelton from the Flood Control Revolving Fund with respect to the City's flood protection system. The approval would be memorialized in an "Action by the Natural Resources Commission Flood Control Revolving Fund Loan Application City of Cannelton, Perry County" as set forth below.

Date: September 18, 2012

**ACTION BY THE NATURAL RESOURCES COMMISSION
FLOOD CONTROL REVOLVING FUND LOAN APPLICATION
CITY OF CANNELTON, PERRY COUNTY**

Application No. 152

AUTHORITY

An application in the form of an amended ordinance passed and adopted by the Common Council of the City of Cannelton on August 6, 2012 along with a verified petition dated August 7, 2012, requesting a loan of \$98,500 from the Flood Control Revolving Fund was submitted to the Natural Resources Commission, through the Department of Natural Resources, Division of Water.

The Flood Control Revolving Fund, I.C. 14-28-5, provides a fund from which loans may be made for an approved flood control program to a municipality, city, town, county or special taxing district in accordance with provisions of the Act and the rules and regulations there under. The administrative control of the fund and the responsibility for the administration for the provisions of the Act are vested with the Natural Resources Commission (*Reference P.L. 53-2008*).

NEED FOR THE PROJECT AND FOR FUNDING

Cannelton's extensive flood protection system was completed in January 1952. The project is comprised of 3,644 feet of levee, 4,878 feet of concrete floodwall and three pumping stations. The protected area contains approximately 400 acres. The system affords protection to the City of Cannelton against a flood stage equal to the maximum on record, elevation 406.0 in January 1937, with a freeboard of three feet. From completion in 1952 through 1994 Cannelton's flood protection system is estimated to have prevented in excess of \$3.0 million in flood related damages. During the flood of 1997, the City was fortunate that the magnitude of the flood was less than the levee was originally designed to protect. These flooding events underscore the necessity of repairing and properly maintaining the flood protective works.

In the 1990's, the U.S. Army Corps of Engineers (USACE) had determined that the flood protection systems that were put into place after the flood of 1937 were nearing the end of their design life and a significant amount of work, over and above normal maintenance and repair, would be necessary. Total cost of the project required \$356,861.00 of federal funds and \$150,000 in local funds. On March 22, 1999, the State Board of Finance and the NRC, through the DNR, approved a loan from the Flood Control Revolving Fund to the City of Cannelton in the amount of \$150,000 for improvements and maintenance to their flood protection system. This loan was repaid in full on September 17,

2009.

In 2007, the USACE, Louisville District informed the City of Cannelton that the flood protection walls were "minimally acceptable". The rating indicated that there were significant maintenance deficiencies. Representatives from the engineering firm of Bernardin, Lochmueller and Associates, Inc. conducted an inspection of the deteriorated floodwall and their findings were incorporated into a feasibility study which stated that overall the floodwall is in good condition. However, in some areas cracking occurred near joints as well as in the wall itself. An ordinance adopted by the Common Council of the City of Cannelton on October 13, 2008 authorized the Mayor to pursue a loan from the Flood Control Revolving Fund. The Natural Resources Commission approved a \$20,000 loan on January 13, 2009. The August 2012 payment has been made and the loan now has a balance of \$14,000 (plus interest).

Recently, during the 2011 flood, Perry County was in a State of Emergency and the main pump sustained damage. Additional pumps had to be located and utilized to prevent the City of Cannelton from flooding. In order for their flood protective works to maintain certification, pump #3 at the Castleberry Creek Pumping Station needs to be operational.

PROPOSED PROJECT

Since the 1940's the City of Cannelton has utilized a series of levees, floodwalls, and pumps to provide protection from flooding by the Ohio River. Cannelton is responsible for the maintenance and repair of these flood works in order to maintain certification by the Federal Emergency Management Agency (FEMA). The main flood pump has been out of service since 2011. A May 14, 2012 letter from the USACE indicated that it is critical that this pump be functional in order to reduce the risk to life from interior flooding, damage to property, as well as adverse impacts to the environment inside the levee. The City wishes to initiate the repairs to their main flood pump and have it returned to operational status in Cannelton. By doing so the City of Cannelton will comply with the USACE's directive and the flood protective works can meet the certification requirements.

Additionally, the City of Cannelton will seek proposals and enter into a contract with a qualified contractor to fill an abandoned sewer line that is located under the City's floodwall. Failure to be proactive and abandon the sewer line properly before it deteriorates could result in extensive damage to the floodwall.

COST ESTIMATES AND AMOUNT OF REQUEST

The repair cost estimate is \$172,672 plus an additional \$2500 for freight charges to return the pump to Cannelton; total cost of \$175,172. Information was obtained from the neighboring city of Tell City regarding an estimate for the cost to fill the abandoned sewer line which is \$18,000. According to the Verified Petition for a Loan, the City of Cannelton has received funding from the Department of Homeland Security (\$42,753) along with an award from the Lieutenant Governor's Office for \$52,060.

OPERATION AND MAINTENANCE OF THE PROJECT

The Amended Ordinance adopted by the Common Council of the City of Cannelton on August 6, 2012 authorized and directed the Mayor and Clerk-Treasurer of Cannelton to prepare an application for a loan from the Flood Control Revolving Fund in the amount of ninety eight thousand five hundred dollars (\$98,500) to pay the balance of the costs to repair the pump and plug the abandoned sewer line under the floodwall. The City of Cannelton accepts responsibility for the repair of the flood pump in order to gain certification of the floodwall as directed by the USACE.

PLAN FOR REPAYMENT

Email from Mary Y. Snyder, Mayor of the City of Cannelton on August 10, 2012 states the City intends to repay the loan in annual installments of \$9850 plus appropriate interest until the loan is paid off.

The City of Cannelton is prepared to commit sufficient portions of its Economic Development Income Tax amounts to

pay the annual loan payments. In the alternative, Cannelton will appropriate sufficient funds in its annual budget to the loan payment.

ACTION AND RECOMMENDATION

The application satisfies the requirements as set forth in the Flood Control Revolving Fund, I.C. 14-28-5 as follows:

- An application in the form of a verified petition was submitted by the City of Cannelton consistent with the provisions of I.C. 14-28-5-9.
- The repairs to the pump meets the criteria to be considered a flood control program as defined in IC 14-28-5-1.
- The City of Cannelton's application for a loan from the Flood Control Revolving Fund establishes a need for the project, shows that the project should accomplish its objective, and provides cost estimates.
- The project is expected to be beneficial in promoting and protecting the health, safety, and general welfare of the City of Cannelton by maintaining the existing flood protection in the area.
- The City of Cannelton will operate and maintain the flood protective works after repairs to the pump are completed.
- Currently the City of Cannelton has a loan under this program with a \$14,000 balance. This request for \$98,500 does not exceed the \$300,000 maximum outstanding loan limit specified under I.C. 14-28-5-7.
- According to DNR's Budget Division, the Flood Control Revolving Fund had a cash balance of \$1,462,230 on June 30, 2012 and thus contains sufficient funds to proceed with the application from the City of Cannelton for \$98,500.
- The responsibility for the administration of the provisions and control of the Flood Control Revolving Fund are vested with the Natural Resources Commission.

The City of Cannelton's application for a loan from the Flood Control Revolving Fund for \$98,500 is approved by the Natural Resources Commission.

Robert E. Carter, Jr.
Secretary
Natural Resources Commission

STATE OF INDIANA)
) SS:
COUNTY OF PERRY)

VERIFIED PETITION FOR A LOAN
FROM THE FLOOD CONTROL REVOLVING FUND

The City of Cannelton, Indiana, by its Mayor Mary Y. Snyder, Petitioner herein, pursuant to Ordinance 12-22, dated July 9, 2012, duly enacted by its city council, (an authenticated copy of said Ordinance attached hereto, made a part hereof and marked Exhibit "A"), and herein, pursuant to the amendment to Ordinance 12-22 dated August 6, 2012, duly enacted by its city council, (an authenticated copy of said Amendment attached hereto, made a part hereof and marked Exhibit "A"), herewith petitions and makes application for a loan in the amount of at least Ninety-Eight Thousand, Five Hundred Dollars (\$98,500.00) from the Flood Control Revolving Fund, I. C. S 14-28-5.

In support of this application, Petitioner herein submits the following statements or pertinent facts, more fully set forth in supporting documents attached hereto made a part hereof and collectively marked Exhibit "B".

1. Statement of the need for the proposed flood control program.
2. Statement of the need for funds for institution, accomplishing and administering such flood control program.
3. Statement setting forth a detailed description of the proposed flood control program.

4. Statement of the engineering estimate of cost of the proposed flood control program.
5. Statement of the amount of money deemed to be needed.
6. Statement giving assurance that the proposed flood control program will be maintained and operated in a satisfactory manner after completion of work.
7. Statement proposed plan for repayment of loan.

This program is for the purpose of protecting the health, safety and general welfare of the inhabitants of City of Cannelton, Indiana

CITY OF CANNELTON

By Mary Y. Snyder
Mayor Mary Y. Snyder

I hereby verify, under the penalties for perjury, that I have read the foregoing petition and application, together with the exhibits attached thereto and that the statements contained herein are true.

Mayor Mary Y. Snyder

STATE OF INDIANA)
) SS:
COUNTY OF PERRY)

Mayor Mary Y. Snyder personally appeared before me, a Notary Public, in and for said County and State, this 7th day of AUGUST, 2012, after being duly sworn upon his oath, says that the facts alleged in the foregoing affidavit are true.

My Commission Expires:

MAY 25, 2015

(SEAL)

Jane A. Varner
NOTARY PUBLIC-SIGNATURE

JANE A. VARNER
NOTARY PUBLIC-PRINTED NAME

EXHIBIT "A"

1. Statement of the need for the proposed Flood Control Program.

The proposed Flood Control Program is the making of repairs to portions of the floodwall, certifying the floodwall and repairing the flood pumps which protect the City of Cannelton, Indiana from flooding by the Ohio River. The Floodwall was constructed in the 1940's by the United States Army Corp of Engineers. Cannelton, Indiana is responsible for the maintenance and upkeep of the floodwall.

2. State of the need for funds for institution, accomplishing and administering such flood control program.

Cannelton, Indiana is a small community which does not have adequate funds to perform all of the maintenance and repairs. Cannelton did receive a grant from the Office of Community Rural Affairs to hire an Engineering Firm to perform the certification before 2013 which is mandated by the State of Indiana. Cannelton did seek federal grants for repairs to the flood pump but the equipment did not qualify. Every avenue of the departments of state government was explored. Cannelton is seeking a loan from the Flood Control Revolving Fund.

3. Statement setting forth the detailed description of the proposed Flood Control Program.

A detailed description of the recommendations to repair the flood pump is attached hereto as Exhibit "B". An estimated cost to fill an abandon pipe line is attached hereto as Exhibit "B".

4. Statement of the engineering estimate of cost of the proposed Flood Control Program.

As set forth in the attached Exhibit "B", in 2011 it was estimated that the repair cost for the required work would be \$178,953.51 as stated in the PW00163.0 by FEMA and the Quote from Reynolds, Inc., 1301-15 E. Main Street, Louisville, KY, 40206 with additional estimated freight cost of \$2,500.00. A new updated quote is attached in Exhibit "B" has been received from Reynolds, Inc., 1301-15 E. Main Street, Louisville, KY with balance due as \$172,672.04 with estimated freight cost of \$2,500.00. The city is also required to fill an abandon pipe line that runs under the floodwall with an estimated cost of \$18,000.00

5. Statement of the amount of money deemed to be needed.

As set forth in item 4 above, the balance due on the flood pump \$175,172.04. The City of Cannelton has received some monies from the Department of Homeland Security and a loan award from the state. Total amount is \$94,814.49 leaving an amount needed of \$80,500.00. The city is also required to fill an abandon sewer line that runs under the floodwall with an estimated cost of \$18,000. As shown in Exhibit "B" of monies received, it is anticipated that a minimum of Ninety-Eight Thousand, Five Hundred Dollars (\$98,500.00) will be required to complete repair of the Flood Pump and fill an abandon pipe line under the floodwall.

6. Statement giving assurance that the proposed Flood Control Program will be maintained and operated in a satisfactory manner after completion of work.

A Statement from the Mayor of the City of Cannelton on July 9, 2012, specifically states that the City of Cannelton commits to operate and maintain the floodwalls in a manner satisfactory to the Natural Resources Commission and any other governmental authority.

7. Statement of proposed plan for repayment for the loan.

The City of Cannelton as stated above has explored every avenue for funding from every Indiana government agency. First the City of Cannelton is prepared to commit sufficient portions of its Economic Development Income Tax amounts to pay the annual loan payments. Second, in the alternative, Cannelton is prepared to budget in its annual budget sufficient amounts necessary to make the loan payment. Any monies granted to the City of Cannelton from pending litigation will be used to repay this loan.

EXHIBIT "A"

**AMENDED ORDINANCE AUTHORIZING AND APPROVING
FLOOD PUMP REPAIR AND APPLICATION FOR A LOAN
FROM INDIANA FLOOD CONTROL REVOLVING FUND**

WHEREAS, the City of Cannelton on July 9, 2012, adopted an Ordinance No. 12-22, providing for the repair of a damaged flood pump, accepting responsibility for pump repair and to complete floodwall certification by the State of Indiana, and to apply for a loan from the Indiana Flood Control Revolving Fund to fund the aforesaid activities, and

WHEREAS, since the date of the passage of such ordinance, circumstances have changed both with regard to the amount necessary to complete the flood pump repairs, the availability of other sources of funds to pay for the flood pump repair, and additional work to be done regarding the certification of the City's floodwall as mandated by the State of Indiana, and

WHEREAS, the City now wishes to rescind the aforesaid Ordinance No. 12-22, and to adopt this ordinance for the aforesaid purposes.

BE IT NOW THEREFORE ORDAINED by the City of Cannelton, Indiana, as follows:

1. That the City contract with Reynolds, Inc. to repair the main flood pump which is currently in Reynolds' possession, the cost of which has been estimated by Reynolds to be \$185,437.04, to which will be added freight costs to return the pump from Reynolds' place of business to the City of Cannelton in the approximate amount of \$2,500.00, of which \$12,765.00 has already been paid, making the net amount owing to Reynolds, Inc. for the aforesaid flood pump repair and freight to be the sum of \$175,172.04.

2. That the City seek bids or proposals and enter into a contract with a qualified contractor to fill an abandoned pipeline under the City's floodwall, the estimated cost of which is \$18,000.00.

3. To apply to the cost of the floodwall pump repairs by Reynolds, Inc., a FEMA grant in the amount of \$42,753.61; and a loan from the State of Indiana in the amount of \$52,060.88;

4. That the City authorize and direct the Mayor and Clerk-Treasurer of the City to prepare an application and take all other steps necessary to apply for and obtain a loan from the Indiana Flood Control Revolving Fund, established pursuant to Indiana Code Section 14-28-5, in the amount of \$ 98,500.00, to pay the balance of the costs of the flood pump repair and

filling the abandoned line under the floodwall as set forth in this ordinance.

5. That the City of Cannelton hereby accepts responsibility to repair the flood pump herein described and to complete the floodwall certification of its floodwall which is mandated by the State of Indiana.

Passed and Adopted by the Common Council of the City of Cannelton, Indiana, this 6 day of August, 2012.

Melvin McBrayer
Melvin McBrayer, Council President

Lynn Fulkerson
Lynn Fulkerson, Council

Jack Harris
Jack Harris, Council

Kim Nugent
Kim Nugent, Council

Emory Gaggi
Emory Gaggi, Council

ATTEST:

Arvina Bozarth, Clerk-Treasurer

Presented by me to the Mayor of the City of Cannelton, Indiana, this 6 day of August, 2012.

Arvina Bozarth
Arvina Bozarth, Clerk-Treasurer

Approved and signed by me on the 6 day of August, 2012.

Mary Y. Snyder
Mary Y. Snyder, Mayor
City of Cannelton

EXHIBIT "A"

ORDINANCE NO. 12- 22

AN ORDINANCE AUTHORIZING AND APPROVING
THE FLOOD PUMP REPAIR AND THE APPLICATION FOR
A LOAN FROM THE FLOOD CONTROL REVOLVING FUND

WHEREAS, the City of Cannelton has caused for the inspection and certification of the Floodwall constructed by the United States Army Corp. of Engineers and which protects the City of Cannelton from flooding by the Ohio River; and

WHEREAS, the certification mandated by the State of Indiana and is being performed by Cole Engineering and cannot be completed until the flood pump is repaired. Reynolds, Inc. has inspected the pump and the repair cost is \$178963.81.

WHEREAS, it is necessary and appropriate for the work to be completed ASAP and for the City of Cannelton to seek a loan in the amount of One Hundred Twenty Five Thousand Dollars (\$125,000.00) or such additional amounts as are necessary to complete the work. The city has already paid \$12,765.00 and FEMA has a Project Work Order for \$42,000.00.

BE IT NOW THEREFORE ORDAINED by the City of Cannelton, Indiana as follows:

1. To contract with Reynolds to repair the main flood pump.
2. The Mayor and Clerk-Treasurer of Cannelton are hereby authorized and directed to prepare and application for a loan from the Flood Control Revolving Fund established pursuant to Ind. Code 14-28-5 in the amount not less than One Hundred Twenty Five Thousand Dollars (\$125,000.00) plus any further amounts necessary to complete the repair.
3. The City of Cannelton here by accepts responsibility to repair the pump and complete the floodwall certification mandated by the State of Indiana.

Passed and Adopted by the Common Council of the City of Cannelton, Indiana this
9 day of July, 2012.

Melvin McBrayer
Melvin McBrayer, Council President

Lynn Fulkerson
Lynn Fulkerson, Council

Jack Harris
Jack Harris, Council

Kim Nugent
Kim Nugent, Council

Emery Yagci
Emery Yagci, Council

ATTEST:

Arvina Bozarth
Arvina Bozarth, Clerk-Treasurer

Presented by me to the Mayor of the City of Cannelton, Indiana this 9 day of July, 2012
at 8 p.m.

Arvina Bozarth, Clerk-Treasurer

Approved and signed by me the 9 day of July, 2012


Mary Y. Snyder
Mary Y. Snyder, Mayor, City of Cannelton

ATTEST:

Arvina Bozarth
Arvina Bozarth, Clerk-Treasurer

CERTIFICATION

I, Arvina Bozarth, Clerk Treasurer of the City of Cannelton, Indiana, hereby
Certify that the attached Ordinance No. 12-22 and Amendment to Ordinance No.
12-22 are true and correct copies of the ordinances passed by the Common
Council of the City of Cannelton on the 9th day of July, 2012 and August 6, 2012.

A handwritten signature in cursive script, reading "Arvina Bozarth", is written over a horizontal line.

Arvina Bozarth, Clerk-Treasurer,
Cannelton, Indiana

EXHIBIT "A"

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2. State of the need for funds for institution, accomplishing and administering such flood control program.

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6. Statement giving assurance that the proposed Flood Control Program will be maintained and operated in a satisfactory manner after completion of work.

A Statement from the Mayor of the City of Cannelton on July 9, 2012, specifically states that the City of Cannelton commits to operate and maintain the floodwalls in a manner satisfactory to the Natural Resources Commission and any other governmental authority.

7. Statement of proposed plan for repayment for the loan.

The City of Cannelton as stated above has explored every avenue for funding from every Indiana government agency. First the City of Cannelton is prepared to commit sufficient portions of its Economic Development Income Tax amounts to pay the annual loan payments. Second, in the alternative, Cannelton is prepared to budget in its annual budget sufficient amounts necessary to make the loan payment. Any monies granted to the City of Cannelton from pending litigation will be used to repay this loan.



Mary Y. Snyder, Mayor
City of Cannelton
210 S. 8th Street
Cannelton, IN 47520

The Mayor of City of Cannelton on July 9, 2012, specifically states that the City of Cannelton commits to operate and maintain the floodwalls in a manner satisfactory to the Natural Resources Commission and any other governmental authority.

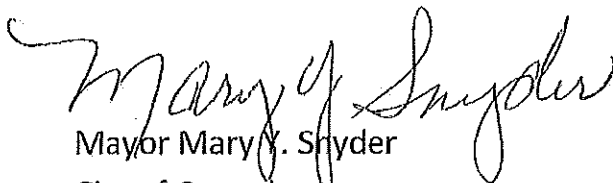

Mayor Mary Y. Snyder
City of Cannelton

EXHIBIT "B"

Estimated cost to fill abandon pipe line running under the floodwall

Information received from neighboring City of Tell City stated their cost as follows:

Engineering cost not to exceed \$3000.00	
Fill	9000.00
Cost to clean and camera	4000.00
Straighten Shaft	2000.00
Total	18000.00



QUOTATION

Reynolds, Inc.
1301-15 E. Main Street
Louisville, Kentucky 40206
Phone: 502/585-1241
Fax: 502/585-4169

Date 7/12/2012
Terms Net 30 Days
F.O.B. Job Site
Delivery 18-24 Weeks
Quotation Expires _____

COMPLETE MUNICIPAL & INDUSTRIAL WATER SYSTEMS

TO: Cannelton Utilities
210 8th Street
Cannelton, IN 47520
Attn: Mayor Mary Snyder

Taxes: any sales, use or other
tax, which may be imposed on
this transaction is not included
in the price quoted and shall be
paid by the purchaser.

Reference: **Flood Pump #3**

QUANTITY	DESCRIPTION	PRICE
	Upon completion of our shop inspection of your #3 flood pump unit, the following conditions were reported. <u>Motor:</u> Meg test infinity (good), ran OK, bearings loud, sleeve on leads is cracked, fit is loose on bottom bearing. Need to resleeve leads, replace upper and lower bearings, bore and bush bottom endbell, replace gaskets, balance rotor, reassemble, test and paint. <u>Motor Stand:</u> OK, sandblast and epoxy coat, stuffing box is worn, need to bore and install new bushings. <u>Column Assembly:</u> All column and discharge pipe is OK, sandblast and coat with coal tar epoxy inside and outside. Need to replace dresser coupling on discharge pipe. Inner tubing threads are bad, bushings are worn, need to replace tube and bearings. Lineshaft are grooved at bearing journals, need to replace. Replace all grease tubing and fittings. <u>Bowl Assembly:</u> Diffuser case (top casting) has broken and cracked vanes, bearing broke loose and is worn, need to replace casting and bearing. Impeller casting (middle casting) appears to be OK, can reuse. Suction case (bottom) is OK, need new bowl bushing. Impeller has bent blades and blades are very thin on leading edge. No information on pitch of blades available due to age of pump, recommend replace impeller. Impeller shaft is grooved at top and bottom bearing journals, need to replace. Recommend replace bowl with new unit. Sandblast and coat outside only with coal tar epoxy.	


ACCEPTANCE: The undersigned accepts the above proposal at the prices shown, subject to any necessary revision in the list of estimated quantities and hereby authorizes and instructs Contractor to proceed with the described work. Purchaser's pumps, motors, parts and/or accessories may be stored by Contractor for thirty (30) days from date of invoice or other written notice from Contractor. After thirty (30) days, disposal of equipment may be made by Contractor without incurring any liability.

Purchaser _____

Address _____

By _____

Date _____



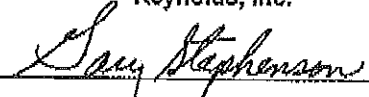
(Contractor)

QUANTITY	DESCRIPTION	PRICE
	<u>Work Completed to Date & Paid For</u>	
	Labor and material to pull pump, bring to shop, disassemble, clean and inspect all parts. Report necessary repairs and associated cost.	
	<u>Field Labor:</u> To pull and bring to shop.	
30	Hours - 2 Man Crew, Service Truck and Crane @ \$170.00/hour	\$5,100.00
30	Hours - Foreman, Service Truck and Trailer @ \$120.00/hour	\$3,600.00
2	Days - 3 Man Crew Per Diem @ \$180.00/day	\$360.00
	<u>Shop Labor:</u> To disassemble, clean, inspect and report conditions. Fabricate support beams.	
38	Hours - 1 Machinist and Tools @ \$75.00/hour	\$2,850.00
1	Lot - Rigging Materials	\$340.00
1	Sandblast to Inspect Column Flanges	\$515.00
	Sub-Total	\$12,765.00
	JOB TOTAL	\$185,437.04
	Amount Already Paid	-\$12,765.00
	Balance to Complete	\$172,672.04
	NOTE: No freight or taxes are included in above pricing. Estimated freight cost is \$2,500.00.	

Quotation No. _____

(Purchaser)

Reynolds, Inc.



 (Contractor)

Pump #3

INVOICE

Reynolds, Inc.

COMPLETE MUNICIPAL & INDUSTRIAL WATER SYSTEMS & PUMPS

S
O
L
D
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O

Cannelton Utilities
Attn: Mayor Mary Snyder
210 South Eight Street
Suite 5
Cannelton, IN 47520

Invoice No.	89032631
Work Order No.	12683
Invoice Date	04/13/2012
Customer Order No.	Verbal
Date Completed	08/11/2011

Same
610 Washington Street
Cannelton, IN 47520

REMIT TO:
Reynolds, Inc.
25666 Network Place
Chicago, IL 60673-1256

QUANTITY	DESCRIPTION	AMOUNT
	Labor, equipment and material to pull pump, bring to shop, disassemble, clean and inspect all parts. Report necessary repairs and associated cost.	
	Field Labor: to pull and bring to shop	
30	Hours - 2 man crew, service truck and crane @ \$170.00/hour	\$5,100.00
30	Hours - Foreman, service truck and trailer @ \$120.00/hour	\$3,600.00
2	Days - 3 man crew per diem @ \$180.00/day	\$360.00
	Shop Labor: to disassemble, clean, inspect and report conditions. Fabricate support beams.	
38	Hours - 1 machinist and tools @ \$75.00/hour	\$2,850.00
1	Lot - rigging materials	\$340.00
1	Sandblast to inspect column flanges	\$515.00
<p><i>paid CK# 7764 CREDIT</i> <i>5.30.2012</i></p>		
	Net 30 days	
	A service charge of 1-1/2% per month will be added to all past due accounts.	
	TOTAL	\$12,765.00

1301-15 E. Main Street * Louisville, KY 40206 * 502/585-1241 * Fax 502/585-4169

Orleans, IN * Middletown, OH * Louisville, KY * Birmingham, AL * Fairburn, GA * Indianapolis, IN

Original - First Quote

Ask about Warranty
Warranty

QUOTATION

Reynolds, Inc.
1301-15 E. Main Street
Louisville, Kentucky 40208
Phone: 502/585-1241
Fax: 502/585-4189

Date	8/11/2011
Terms	Net 30 Days
F.O.B.	Job Site
Delivery	18-24 Weeks
Quotation Expires	

COMPLETE MUNICIPAL & INDUSTRIAL WATER SYSTEMS

TO: Cannelton Utilities
610 Washington Street
Cannelton, IN 47620
Attn: Mr. Jerry Bell

Taxes: any sales, use or other tax, which may be imposed on this transaction is not included in the price quoted and shall be paid by the purchaser.

Reference: Flood Pump #3

QUANTITY	DESCRIPTION	PRICE
	Upon completion of our shop inspection of your #3 flood pump unit, the following conditions were reported. <u>Motor:</u> Mag test infinity (good), ran OK, bearings loud, sleeve on leads is cracked, fit is loose on bottom bearing. Need to resleeve leads, replace upper and lower bearings, bore and bush bottom endbell, replace gaskets, balance rotor, reassemble, test and paint. <u>Motor Stand:</u> OK, sandblast and epoxy coat, stuffing box is worn, need to bore and install new bushings. <u>Column Assembly:</u> All column and discharge pipe is OK, sandblast and coat with coal tar epoxy inside and outside. Need to replace dresser coupling on discharge pipe. Inner tubing threads are bad, bushings are worn, need to replace tube and bearings. Linshaft are grooved at bearing journals, need to replace. Replace all grease tubing and fittings. <u>Flow Assembly:</u> Diffuser case (top casting) has broken and cracked vanes, bearing broke loose and is worn, need to replace casting and bearing. Impeller casting (middle casting) appears to be OK, can reuse. Suction case (bottom) is OK, need new bowl bushing. Impeller has bent blades and blades are very thin on leading edge. No information on pitch of blades available due to age of pump, recommend replace impeller. Impeller shaft is grooved at top and bottom bearing journals, need to replace. Sandblast and coat outside only with coal tar epoxy.	

ACCEPTANCE: The undersigned accepts the above proposal at the price shown, subject to any necessary revision in the list of quantities and hereby authorizes and instructs Contractor to proceed with the described work. Purchaser's pumps, motors, parts and/or accessories may be stored by Contractor for thirty (30) days from date of invoice or other written notice from Contractor. After thirty (30) days, disposal of equipment may be made by Contractor without incurring any liability.

Purchaser _____ Address _____
By _____ Date _____

Jerry Bell
(Contractor)

Reynolds, Inc. is an Equal Opportunity Employer

QUANTITY	DESCRIPTION	PRICE
	Repair Parts	
1	Stuffing Box Bushing	\$3,084.20
1	Upper Inner Tube	\$2,510.00
1	Lower Inner Tube	\$2,660.00
1	Intermediate Tube Bearing	\$3,427.14
1	Intermediate Sleeve Bearing	\$1,112.88
1	Top Shaft (Carbon Steel)	\$4,800.00
1	Bottom Shaft (Carbon Steel)	\$1,202.88
2	Shaft Couplings (Carbon Steel) @ \$385.71/each	\$771.42
1	33 x 42 AFV Bowl Assembly rated 43,800 gpm @ 3.2' TDH, 588 rpm	\$103,925.88
1	Lot Stainless Steel Grease Line and Fittings	\$425.00
1	42" Dresser Coupling	\$2,334.20
1	Sandblast Column, Inner Tube & Bowl Assembly and Coat w/Coal Tar Epoxy	\$3,571.43
1	Sandblast and Epoxy Paint Motor Stand	\$2,521.43
1	Lot Column and Bowl Bolts and Nuts (Stainless Steel)	\$1,379.81
1	Set Pump Packing	\$125.00
1	Lot Grease, Silicon Sealer, Permatex, Miscellaneous Shop Material	\$685.00
	Motor Repair	
	Test, disassemble, clean and inspect reassemble, replace upper and lower bearings, bore and bush bottom endbell, balance rotor, tighten couplings, replace all gaskets, new oil, reassemble, test and paint.	\$12,172.40
Estimated	Shop Labor	
	Replace worn parts, bore stuffing box and install bearing, install shaft sleeve, reface flange faces, and assemble inner tubing.	
80	Hours - 1 Machinist and Tools @ \$75.00/hour	\$6,000.00
Estimated	Field Labor	
	To load pump unit, mobilize to site, install pump and motor, test run.	
40	Hours - 2-Man Crew, Service Truck and Crane @ \$170.00/hour	\$6,800.00
40	Hours - Foreman, Service Truck and Trailer @ \$120.00/hour	\$4,800.00
3	Days - 3-Man Crew Per Diem @ \$180.00/day	\$540.00

Quotation No. _____

Reynolds, Inc.

Harry Stephenson

(Purchaser)

(Contractor)

1019 P. 04

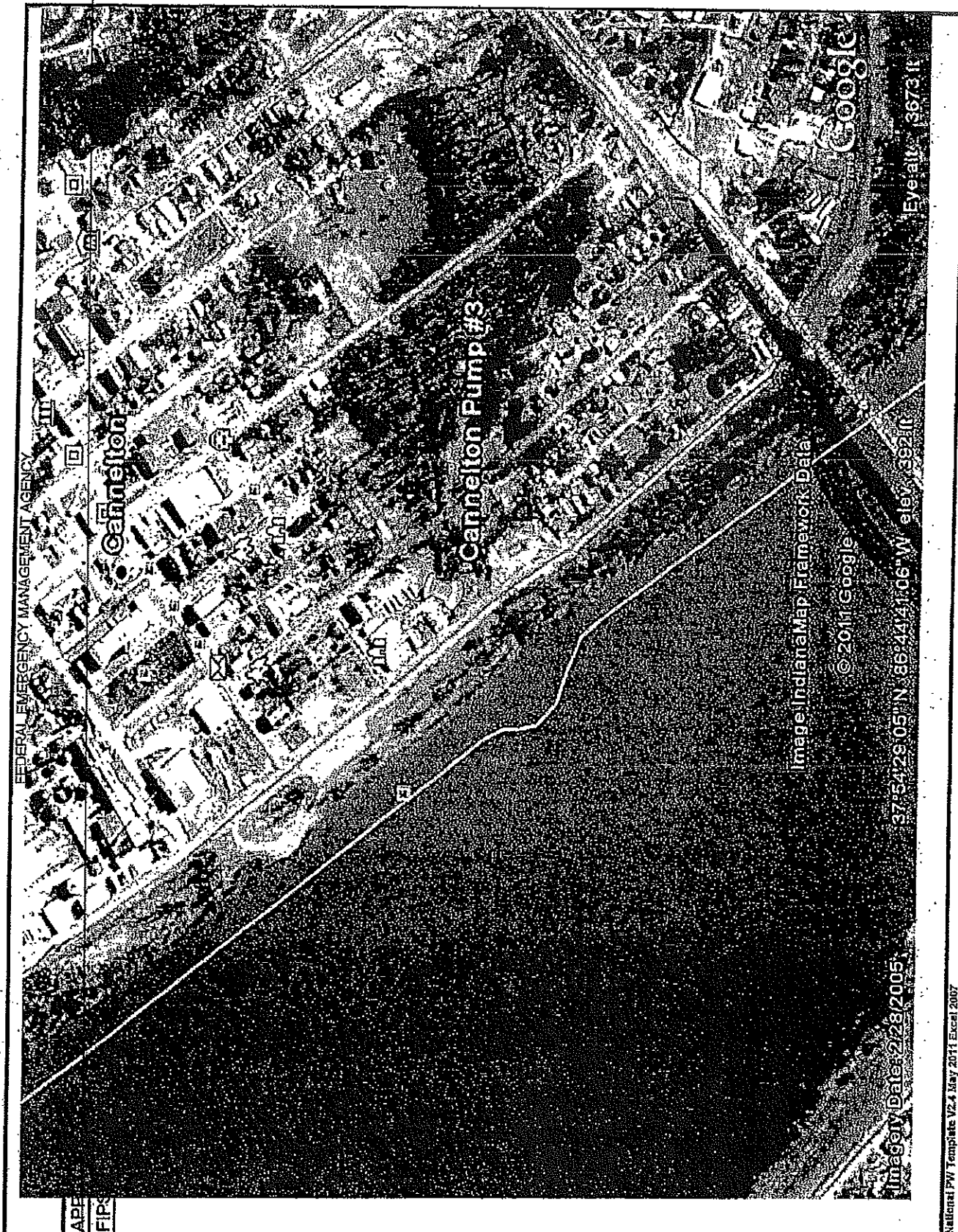
QUANTITY	DESCRIPTION	PRICE
	<u>Work Completed to Date</u>	
	<u>Field Labor</u> To mobilize to site, pull pump and bring to shop	
30	Hours - 2-Man Crew, Service Truck and Crane @ \$170.00/hour	\$5,100.00 ✓
30	Hours - Foreman, Service Truck and Trailer @ \$120.00/hour	\$3,600.00 ✓
2	Days - 3-Man Crew Per Diem @ \$180.00/day	\$360.00 ✓
	<u>Shop Labor</u> To disassemble pump, clean and inspect all parts, report conditions.	
27	Hours - 1 Machinist and Tools @ \$75.00/hour	\$2,025.00 ✓
	TOTAL	\$176,863.61
	NOTE: No freight or taxes are included in above pricing. Estimated freight cost is \$2,600.00. ✓	

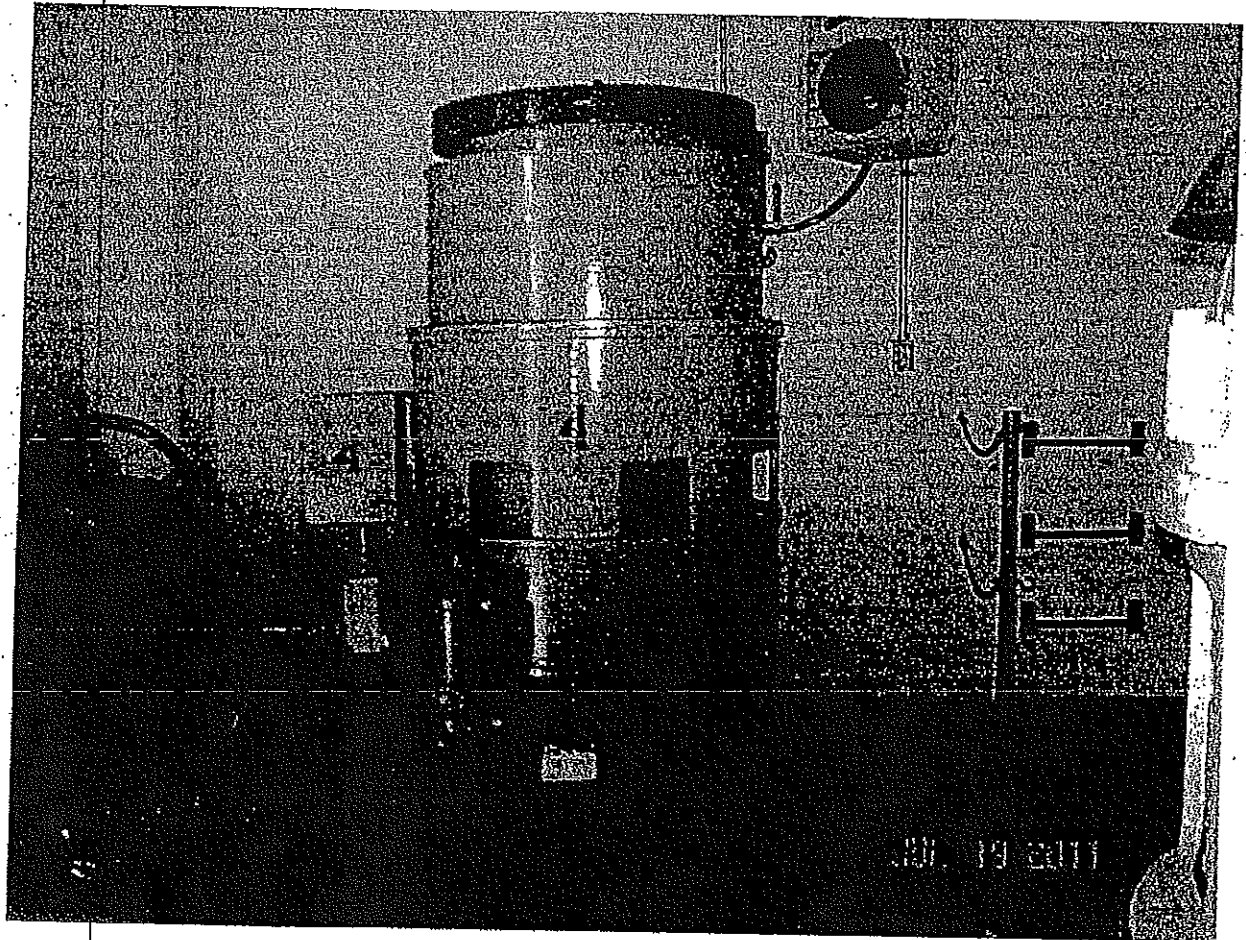
Quotation No. _____

(Purchaser)

Reynolds, Inc.

Sam Stephenson
(Contractor)





NOV 19 2011



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE
CORPS OF ENGINEERS
P.O. BOX 59
LOUISVILLE, KENTUCKY 40201-0059

REPLY TO
ATTENTION OF:

May 14, 2012

Engineering Division

Honorable Mary Snyder
Mayor of Cannelton
Suite 5, 210 South Eighth St.
Cannelton, IN 47520

Dear Mayor Snyder:

This letter is to inform you the Louisville District is requiring the City of Cannelton (who is the local sponsor for the Cannelton Levee System) to reestablish pump # 3 in the Castleberry Creek Pumping Station to operational status as soon as possible. It is critical that this pump is functional to reduce the risk to life from interior flooding, damage to property and adverse impacts to the environment in the leveed area.

If you have any questions in regards to this requirement, please give the undersigned a call at (502) 315-6350. A copy of this letter is being furnished to Mr. Jerry Ball, Sanitation Superintendent and Floodwall Custodian.

Sincerely,

A handwritten signature in cursive script, reading "John F. Allison".

John F. Allison, P.E.
Chief, Civil Engineering Branch

Subject: RE: Loan for Cannelton
From: Spencer, Carmen (DHS) (cspencer@dhs.IN.gov)
To: maryysnyder@yahoo.com;
Cc: sushearer@dhs.IN.gov;
Date: Wednesday, July 11, 2012 10:56 AM

Mary,

As of yesterday I received and gave approval for your reimbursement to be processed. Susan or Josh Elliott will be forwarding you the form which explains the breakdown of the reimbursement.

If my memory serves me correctly, we have already given you a 7% of the Reimbursement for PW #163. So the remainder amount of \$42,753.61 has been requested through our Fiscal and to the State Auditor's office. As with the last reimbursement processed this one will be direct deposited into the account that was set up on your end.

I have contacted FEMA to inquire on what help, if any, would be eligible (above what you received) if the worst case scenario happens and the Judge does not rule in your favor. As soon as I hear I will let you know.

I wish you all the luck to a beneficial outcome,

Carmen L. Spencer
IDHS, Public Assistance Program Director

317.439.0631
cspencer@dhs.in.gov



From: Mary Snyder [mailto:maryysnyder@yahoo.com]
Sent: Wednesday, July 11, 2012 11:48 AM
To: Shearer, Susan; Spencer, Carmen (DHS)
Subject: Loan for Cannelton

Hello Susan and Carmen If I am going to get a loan from Flood Control (DNR) I must start on it now. I still need your approval to move forward as I cannot afford to lose the \$42,000 obligated by FEMA. Please let me know. Thanks Mayor

NOTIFICATION OF ACH PAYMENTS

PAYMENT HANDLING	VENDOR	BUSINESS UNIT	PAYMENT DATE	PAYMENT REF
GP	0000072546	00038-Lieutenant Governor's Office	07/24/2012	005181340

INVOICE #	P.O #	INVC. DATE	GROSS	DISCOUNT	INTEREST	NET
DR2-09-203-5		07/05/2012	\$ 52,060.88	\$ 0.00	\$ 0.00	\$ 52,060.88

Payment Message : AWARD# B-08-DI-18-0001-14.228 # 14362

Bank ID # - Bank Account #
 *****0041 - *****0127 FIFTH THIRD BANK

CANNELTON, CIVIL CITY OF
 210 8TH ST BOX 2
 CANNELTON, IN 47520

FROM THE OFFICE OF:
 AUDITOR OF STATE OF INDIANA
 200 W. WASHINGTON ST
 ROOM 240 STATEHOUSE
 INDIANAPOLIS, IN 46204
 TIM BERRY AUDITOR